



# VERTICAL PELLET COOLER

TURNER PROCESS EQUIPMENT LTD offers a range of Vertical Coolers for cost-effective, trouble-free and efficient cooling of pelleted and extruded products.

The Cooler is designed to be run with a centrifugal exhaust fan which draws air through all sections of the Cooler so reducing the temperature of the product. Regulation of the air volume is controlled by hand slides on both the intermediate cooling sections and base of the exhaust plenum.

A rotary paddle probe controls the product level within the Cooler and activates the discharge tray.



The Cooler has a number of discharge gates located in the base section which are controlled by a single lever. These can be adjusted to give an even rate of discharge from the cooler. The discharge tray is driven by the well-proven Mono-Plano Drive Unit. This tray is fitted with a perforated screen to remove dust from the product as it discharges.

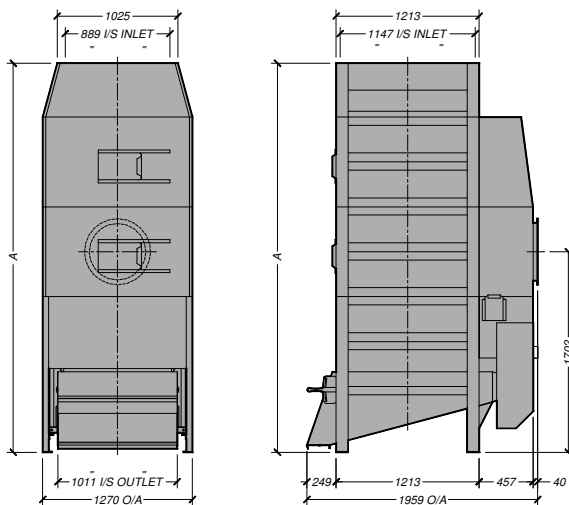
Five sizes of cooler are available ranging in approximate capacity of 2-10 TPH respectively depending on product size, climate, nature of the material and other variables.

## OPERATIONAL ADVANTAGES

- Efficient, Economical Cooling of Pellets and Extrusions.
- Simple Operation.
- Easily Adjustable Air Flows.
- Driven by Well-Proven Mono-Plano Drive Unit.
- Easily Adjustable Discharge Assembly.
- Integrated Dust/Fines Screen.

## OPTIONAL EXTRAS & ANCILLARIES

- Stainless Steel Construction of all Contact Parts.
- Cyclones for all Sizes.
- Centrifugal Exhaust Fans.
- Rotary Valves.
- Interconnecting Exhaust Ductwork.
- Support Frames and Stands.



## TYPICAL CAPACITY & DIMENSIONS

MODEL	CAPACITY	DIM A (MM)
No1	1,000-2,000	2083
No2	2,000-4,000	2540
No3	4,000-6,000	3302
No4	6,000-8,000	4064
No5	8,000-10,000	4826

Capacities shown are in kilograms per hour and are subject to product type and climatic conditions.

## TURNER PROCESS EQUIPMENT LIMITED

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